

ABSTRACT OF THE DISCLOSURE

An apparatus for heating or cooling a fluid in flexible tubing has a body generally centered on an axis and having an outer surface formed with a radially outwardly open helicoidal groove of a cross-sectional shape generally corresponding to a cross-sectional shape of the tubing so that the tubing can be fitted to the groove in heat-exchange contact with the body. The outer surface is tapered axially such that substantially all of the groove can be seen from a point axially offset from the body that is heated or cooled.